Haier

LED LCD TV OWNER' S MANUAL

MODEL: LE43B7600A

Please READ this manual carefully before operating your TV, and retain it for future reference



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IMPORTANT SAFETY INSTRUCTION

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings, install in accordance with the instructions.
- 8) Do not install near any heat sources such as radiations, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized plug. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Protected the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer
- 12) Unplug this apparatus during lighting storms or when unused for long periods of time.
- 13) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- 14) Mains plug is used as the disconnect device, the disconnect device shall remain readily operable.
- 15) The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloth, curtains, etc.
- 16) No naked flame sources, such as lighted candles, should be placed on the apparatus.
- Attention should be drawn to the environmental aspects of battery disposal.
- 18) The use of apparatus in moderate climate.
- 19) The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.



This symbol indicates that this product incorporates double insulation between hazardous mains voltage and user accessible parts. When servicing use only identical replacement parts.







CAUTION

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK).NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



The symbol indicates that dangerous voltages constituting a risk of electric shock are present within this unit.



The symbol indicates that there are important operating and maintenance instructions in the literaturaccompanying this unit.

WARNING:

To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

WARNING

The batteries shall not be exposed to excessive heat such as sunshine, fire or the like.



Please act according to your local rules and do not dispose of your old products with your normal household waste.

Correct disposal of your old product helps to prevent potential negative consequences for the environment and human health.

This product complies with all implemented RoHS type regulations worldwide, including but not limited to, EU, Korea, Japan, US States (e.g. California), Ukraine, Serbia, Turkey, Vietnam and India.

We continue to monitor, influence and develop our processes to comply with upcoming proposed RoHS type regulations, including but not limited to, Brazil, Argentina, Canada.

Restriction on Hazardous Substances statement (India)

This product complies with the "India E-waste Rule 2011" and prohibits use of lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers in concentrations exceeding 0.1 weight % and 0.01 weight % for cadmium, except for the exemptions set in Schedule 2 of the Rule



High voltages are used in the operation of this television receiver. Do not remove the cabinet back from your set. Refer servicing to qualified service personnel.



To prevent fire or electrical shock hazard, do not expose the television receiver to rain or moisture.



Do not drop or push objects into the television cabinet slots or openings. Never spill any kind of liquid on the television receiver.



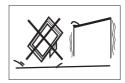
Do not block the ventilation holes in the back cover. Adequate ventilation is essential to prevent failure of electrical components.



Do not trap the power supply cord under the television receiver.



Never stand on, lean on, or suddenly push the television or its stand. You should pay special attention to children. Serious injury may result if it falls.



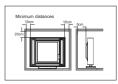
Do not place your television on an unstable cart, stand, shelf or table. Serious injury to an individual, and damage to the television, may result if it falls.



When the television receiver is not used for an extended period of time, it is advisable to disconnect the AC power cord from the AC outlet.



Avoid exposing the television receiver to direct sunlight and other sources of heat. Do not stand the television receiver directly on other products which give off heat, e.g. video cassette players and audio amplifiers. Do not place naked flame sources, such as lighted candles on the television.



If the television is to be built into a compartment or similar enclosure, the minimum distances must be maintained. Heat build-up can reduce the service life of your television, and can also be dangerous.

Main features

- ① Used as Television, display terminal;
- 2 High luminance, wide viewing angle;
- 3 Can store 200 TV programs;
- 4 HDMI interface;

- S Ethernet;
- Multi-Media player (USB, SD Card);
- (7) Web Camera

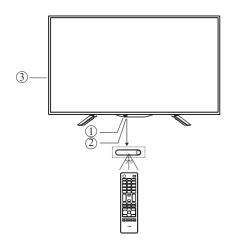
Accessories

LED LCD TV1	User Manual1
Bottom Stand1	Warranty Card1
Screws4	Quick Set Up Guide1 (For Hong Kong/Indonesia/Philippines/India
Remote Control1	E-waste Guideline Booklet1 (Only for India)
Battery (AAA)2	SD Card (4GB)1
AV Adapter Cable1	Web Camera1 (optional)
Power Cord1	RF Remote1 (optional)

Main parameter

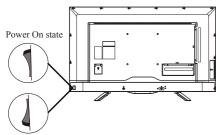
Model Name	e LE43B7600A			
Resolution	1920 x 1080			
Aspect Ratio	16:9			
TV System	PAL B/G			
Video Signal System	PAL/SECAM/NTSC			
Receiving Channel	1-200			
Input Power Voltage	AC 100-240V 50/60Hz			
Power consumption	110W			
Audio Output Power(THD≤7%)	2 x 10W			
	High-Definition Multimedia Interface	Ethernet x 1		
	(HDMI) x 3	USB 2.0 x 1		
	Composite Video Input x 1	USB 3.0 x 1		
Signal Input / Output	Y Cb(Pb) Cr(Pr) x 1	SD Card x 1		
	Audio Input x 1	SPDIF Output x 1		
	Composite AV Output x 1	Earphone Output x 1		
	RF x 1			
Horizontal definition (TV line)	Composite Video input >=350			
Horizontal definition (1 v line)	Y Cb(Pb) Cr(Pr) >=400			
Ambient Temperature	0 to 45 degree Celsius			
Base screw type	M4 x 20			
	VESA mount pattern (W x H): : 200 x 200mm			
	Screw: M6			
Wall mount	Length: 18mm			
Wall mount	Torque: 12 ±2 kgf.cm			
	This product does not include wall-mount braket module.			

Front panel



- 1: Remote control sensor.
- 2: Indicator LED: RED STANDBY
- 3: Key board

Back side

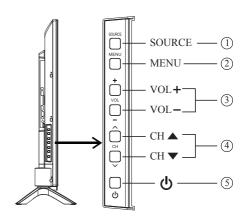


Power Off state

Power switch

- 1. Turn on the power switch on the side of the TV.
- 2. If the standby indicator is not lighted, the TV is on.
- 3. If the standby indicator is red, press **(b)** (Standby-On) on the side of TV or remote control.

Keyboard



1. SOURCE:

Display the input source menu.

2. MENU:

Press to show the on-screen menu.

3. VOL+/ VOL-:

Adjust sound level.

In Menu mode, press "VOL+" or "VOL-" to adjust the item that you selected.

4. CH ▲ / CH ▼:

In TV mode, press CH \blacktriangle or CH \blacktriangledown to change the channel up and down.

In MENU mode, press CH ▲ or CH ▼ to select items.

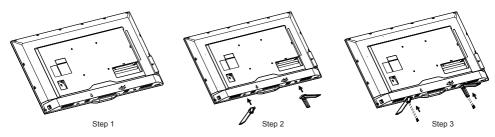
. **(**POWER):

Press this button to turn the unit ON from STANDBY mode.

Attaching The Stand

IMPORTANT: The stand of the TV must be assembled prior to usage.

- Extract all cables and cords connected to the TV.
- Carefully place your TV face-down on a cushioned, clean surface to protect the screen from damages and scratches, then insert the bottom stand into the TV.
- 3. Secure the bottom stand to the TV with the four provided M4x20mm screws.

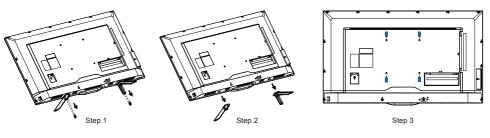


Preparing Your LCD TV For Wall Mounting

We suggest that you keep your TV at least 2.36 inches (60 mm) from the wall to prevent cable interference. Before mounting your TV on the wall, you need to remove the stand.

For your safety, please use only with a UL listed wall mount bracket with minimum weight of the TV without stand. To attach a wall mount bracket to your TV:

- 1. Remove the screws holding your TV to the stand.
- 2. Remove the stand from your TV.
- Secure the wall mount bracket to the back of your TV using four screws (see page 4 for the size of the screws). Follow the instructions of the user manual that came with the wall mount bracket to install.



NOTE TO

The wall mount bracket and the screws are not included.

Rear AV Connections (Side)



All the terminals are (from down to up):

AV Output, Ear-phone, USB 3.0, HDMI 1, SD Card Slot, USB, SPDIF Output.

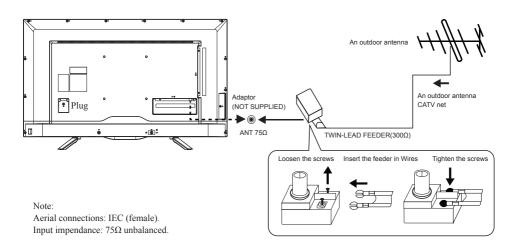
Rear AV Connections



All the terminals are (from left to right):

Ethernet, HDMI 3, HDMI 2, Component Input/AV Input (Y/Pb/Pr, AUDIO L/R), Antenna.

Antenna



DVI/ PC HDMI Input Signal Reference Table

When DVI port is being used: connect the DVI port of video device to your TV set with a DVI-to-HDMI line and set up the output signal of the video device in accordance with table below.

When HDMI port is being used: connect the HDMI ports of your computer and TV set with one HDMI wire and set up the output signal of the video device in accordance with table below.

Default HDMI Mode						
Standard	Resolution	Horizontal Frequency (kHz)	Vertical Frequency(Hz)			
1	640 × 480	31.469	59.94			
2	800 × 600	37.879	60.317			
3	1024 × 768	48.363	60.004			
4	1360 × 768	47.72	59.799			
5	1920 × 1080*	66.587	59.934			

^{*}Recommended resolution

Video Input Signal Reference Table

Connect the component signal or HDMI port of video device to your TV set and set up the output signal of the video device in accordance with table below.

If your computer display card supports signals of video format then you can set up following output signal.

Default Component or HDMI Mode						
Standard	Resolution	Horizontal Frequency (kHz)	Vertical Frequency (Hz)			
SD	640 × 480p	25.175	60			
SD	720 × 480i	15.734	60			
SD	720 × 480p	31.5	60			
SD	720 × 576i	15.625	50			
SD	720 × 576p	31.25	50			
HD	1280 × 720p	37.5	50			
HD	1280 × 720p	45	60			
HD	1920 × 1080i	28.125	50			
HD	1920 × 1080i	33.75	60			
FHD	1920 × 1080p	56.25	50			
FHD	1920 × 1080p	67.5	60			

Video System Supported in TV and Video Modes

PAL B/G

Standard Definition Interface

You can also enjoy traditional program by using a DVD player or VCR Player. Connect this equipment to your TV via the Composite Input on the back of your TV.

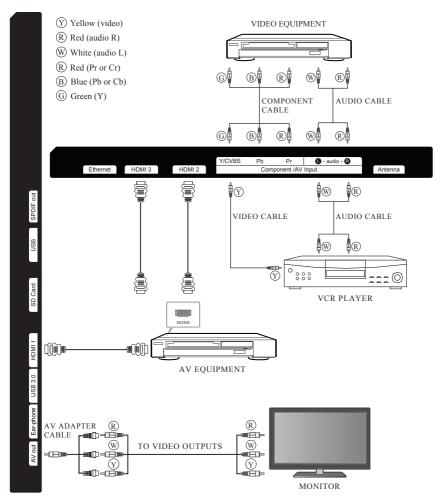
YPbPr can support these video fomats: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p.

AV Equipment

This TV can be connected to the following appliances: VCR, multi disc player, DVD, camcorder, video game or stereo system, etc...

Please refer to the owner's manual of the equipment to be connected as well.

You can use the input terminals on TV set rear as follows.



Notes:

- 1. AV and YPbPr share one audio channel.
- When HDMI port get DVI signal, the "PC Audio" channel is changed to receive the audio for HDMI port.
- 3. Sometimes it will not support in different device because the device supplys nonstandard signal.
- When current source is TV, AV OUT signal is TV; when current source is AV, AV OUT signal is AV; other sources have no AV OUT signal.
- 5. TV system supports HDMI CEC feature which involves One Touch Play, Auto Standby and Audio Return Channel (ARC).

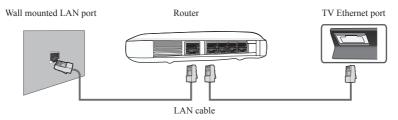
Network connections

This machine supports network function, be sure to correctly connect the network first.

The following are two network connection modes, and you can select the most suitable connection mode according to the actual situation.

Wired network connection

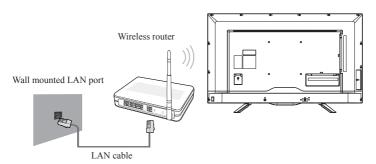
Connect to a wired routher, so as to connect to the Internet via a wall mounted LAN port.



Wireless network connection

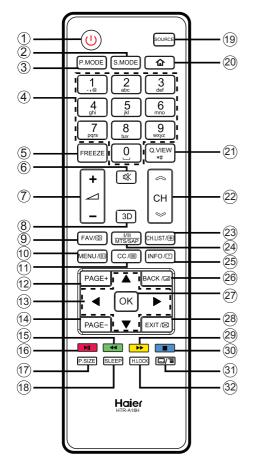
Connect to the Internet via a wireless router.

* This machine has a wireless network adapter built in, so no externally connected adapter is needed. For the setup of the wireless router, please refer to the wireless router operation instructions.



The remote control cannot be operated unless the batteries are properly loaded inserted. When using the remote control, aim it at the remote control sensor on the TV.

Function Introduction



1. () (POWER)

Press to turn the TV on or off. The TV is never completely powered off unless it is physically unplugged.

2. S.MODE

Press to select the sound mode.

3. P.MODE

Press to select the picture mode.

4 N-9

Press to enter a channel number or password.

5. FREEZE

Press to freeze the picture.

6. Mute Press 7. ∠ +/-

Press to turn the sound on or off.

Press to adjust the volume level.

8. 3D

No used.

9. FAV/ 🗐

:Freeze the picture in Teletext.

FAV:Press to open favourite channel list.

10. MENU/ **□**

MENU:

a. Press to activate OSD menu and back to previous level of OSD.

b. Exit OSD.

: No function.

11. CC/≡

CC :No function.

■: Press to turn on/off TTX.

12. PAGE+

Press to go to the next item.

13. ▲/▼/◀/▶

a. Press to navigate the OSD menu;

b. The cursor RIGHT key perform confirmation as well as precede next level of OSD in Main menu.

14. PAGE-

Press to go to the last item.

15. **◄** (reverse)

- a. Press to reverse playback in multi-media mode.
- b. Insert chanels in Channel Edit menu.
- c. Green key in Teletext mode.

16. ►II (play/pause)

- a. Press to play/pause playback in multi-media mode.
- b. Swap chanels in Channel Edit menu.
- c. Red key in Teletext mode.

17. P. SIZE

Press to change the screen display aspect ratio setting.

18.SLEEP

Press to set sleep timer.

19. SOURCE

Press to select source.

20. 🏠

Press to open (Smart TV) launcher mode.

21. Q. VIEW

Press to switch to the last viewed channel.

22. CH ≈/≈

Press to browse through the TV channels.

23. CH.LIST/ €

CH.LIST: Press to show channel list.

24. I/II/MTS/SAP

Press to select the audio mode (depend on broadcast signal).

25. INFO/ ?

INFO: Display information of current signal.

?: Press to update TTX.

26. BACK/ 🖃

Back: Press to return to previous menu.

: Mixed mode in Teletext.

■: Mixe 27. OK

- a. Press to confirm a selection.
- b. Enter EPG in DTV source.

28. EXIT/ ⋈

EXIT: Press to leave Main Menu, Source Menu or Setup Wizard APP only. This key do not work on other APPs.

: No function.

29. ▶▶ (fast forward)

- a. Press to fast forward playback in multi-media mode.
- b. Yellow key in Teletext mode.

30. **■** (stop)

- a. Press to stop playback in multi-media mode.
- b. Delete chanels in Channel Edit menu.
- c. Blue key in Teletext mode.

31. □ / ≡ (Sub-MENU)

- □ : Subtitle in Teletext
 - ∃ : No function.

32. HLOCK (H.LOCK)

No function.

Video Setup

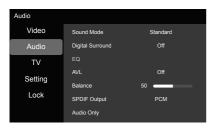




Items	Description			
Picture Mode	Select picture mode f	rom User, Vivid, Natural, Sports, Lightness, Standard, or Soft.		
Backlight	Control the brightnes	s of the backlight.		
Brightness	To brighten the dark p	parts of the picture.		
Contrast	To sharpen the pictur	e quality.		
Sharpness	To improve details.			
Saturation	To decrease or increase saturation.			
Hue	Compensates colour variations in NTSC encoded transmissions.			
Color Temperature	Selet the color temperature mode from Standard, Warm, Cool.			
A d d X7.d	Dynamic Backlight	Dynamically adjusts backlight level based on average brightness of the picture frame.		
Advanced Video	Dynamic Contrast	Dynamically enhance the details in the dark, medium and light areas of the picture.		
Aspect Ratio	Select the picture ratio to suit the video source (16:9, 4:3, Zoom1, Zoom2 or Full Screen).			
NR	Select the amount of noise reduction for the picture (Off, Low, Medium or Strong).			

Note: Certain screen setups may be unavailable or have different options in accordance with the input sources.

Audio Setup



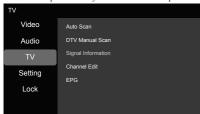


Items	Description		
Sound Mode Select sound mode from User, Standard, Music, Movie, or News.			
Digital Surround	Create vivid and connotation-rich surround sound experience through speakers. Provide ON and OFF setup.		

Items	Description			
EQ	Adjust the volume of the left and right speakers. 120Hz, 500Hz, 1.5KHz, 5KHz, 10KHz: Adjust the frequency so that the sound quality is adapted to your favorite. When pre-enhancing the bass, increase the low frequency; when pre-enhancing the treble, increase the high frequency.			
AVL	Automatically reduces sudden volume changes, for example, when switching between the channels.			
Balance	Adjust the balance between left and right speakers to adapt to your listening position.			
SPDIF Output	DIF Output Select the digital audio output mode (PCM, RAW or Off).			
Audio Only Select to turn off the panel screen and keep only the sound on.				
Prefer Audio 1	Select a digital audio language (English, Arabic, Persi, Hebrew, Thai, or French).			
Prefer Audio 2 Select a digital audio language (English, Arabic, Persi, Hebrew, Thai, or French).				

TV Setup

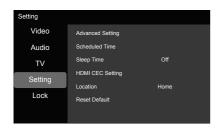
The TV setup menu only shows when the input source selected to DTV or ATV.



Items	Description			
	TV automatically searches for the channel in the available frequency band and stores sequentially.			
A 4 C	Select TV menu.			
Auto Scan	After setting the Search Type, select Start and press OK key to tune channels automatically and store.			
	During auto searching Press BACK/ key to stop search.			
DTV Manual Scan / Scan the channels manually and store it to the desired channel number.				
ATV Manual Scan	It can also be used for editing of channels searched by auto search if required.			
Channel Edit	Edit the selected channel, including Move, Delete, Favorite.			
Signal information	Show the information of the TV signal.			
EPG	EPG is an on-screen guide that displays scheduled digital TV programmes. You can view the information			
Eru	of programmes.			

Note: Make sure you have connected RF signal cable before performing channel search.

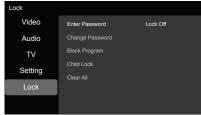
Setting Setup



Items	Description	Description			
Advanced Setting	Press OK key	Access advanced settings. Press OK key to select Ethernet, WiFi, WiFi Hotspot, Display, Apps, Location, Language & input, Update & reset, Add account, Date & time and About TV.			
Blue Screen	Select Off: Bla	To show Blue or Black screen when no signal input for all sources except ATV and DTV. Select Off: Black screen display when no signal input. Select On: Blue screen display when no signal input.			
Scheduled Time	Set a scheduled	Set a scheduled time to power on the TV when TV is in Standby mode.			
Sleep Time		Set a time period after which the TV will be turned off and enter standby mode. Sleep timer can be set to Off,10, 20, 30, 60, 90,120, 180 or 240 Minutes.			
	HDMI CEC	Set enable or disable HDMI CEC feature. Once this item disabled, all HDMI CEC features would be disabled either.			
HDMI CEC Setting	Auto Standby	Set enable or disable HDMI CEC Auto Stanby feature. Once this item enabled, all connected CEC device would be enter standby after TV DC power off.			
Location	When set to Home, the Picture mode automatically switches into the Natural mode. What to Shop, the Picture mode automatically switches into the Vivid mode				
Reset Default		You can restore the factory default video and audio settings of your TV. The channel installation settings remain the same.			

Lock Setup

The Lock setup menu only available for DTV, and shows when the input source selected to DTV.



Items	Description		
Enter Password Enter the 4 numbers code to access the Lock setup menu. The original password is 9443.			
Change Password Change parental password.			
Block Program Select from the channel list to block the program			
Child Lock Select the age for child lock.			
Clean All	clean All Clear the lock status of channels and the age of child lock.		

Network Settings

- 1. Select the desired network connection mode and correctly set up the parameters.
- 2. Press ☆ key to enter (Smart TV) launcher mode and use ▲/▼/﴿/▶ keys to select Setting, then press the OK key.
- 3. Press ▲/▼ key to select Ethernet or Wi-Fi, then press the OK key.

Ethernet setting

If LAN cable is connected and DHCP (automatically set up) is supported, the Internet Protocol (IP) setting will be automatically configured.

If you want to manually set up the IP, operate according to the following steps:

- Select [Proxy & IP settings], and press the OK key to access.
- 2. Select the field of [IP settings], press the **OK** key to open the list, and please select to [Static].
- Press the ▲/▼ keys to select the field of [IP address], [Gateway], [Network prefix length], [DNS 1] and [DNS 2]. Directly
 enter corresponding parameters by pressing the number keys.
- 4. Select [Set], and press the **OK** key to complete the IP setting.



Wi-Fi setting

The system will automatically search for available wireless network access points; press the **OK** key to enter into the submenu, set Wi-Fi to [On], press the \triangle/∇ keys to select an access point you want to connect, and press the **OK** key to connect. If you select an access point with security certification, a password entering interface will appear after you confirm.

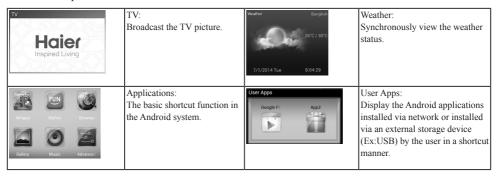


Smart TV (Launcher mode)

- 1. Connect your TV to ethernet. Parts of TV function will not work without network.
- 2. Press A key on remote control to enter smart TV screen.



Screen description:



Multimedia Center (MyFun)

USB port and SD port can be used to view photos, play music and video files in USB device and SD card.

Note: The recommended width of USB device is ≤ 17 mm.



Entering to USB Media

- 1. Press key on remote to enter smart TV screen.
- Press ▲/▼/◄/▶ keys to select Myfun icon to enter multimedia menu.



- Select the Media type (All/Picture/Music/Video) to be viewed and press OK key to enter into USB Media and when USB drive is detected by the TV, USB drive is displayed as a folder on the screen as shown below.
- 4. Press **OK** key to view subfolder or files in the USB driver.
- 5. Press BACK key to return last layer item.



Note: Files of selected Media type can only be viewed through USB. Media type can be any one amoung Picture/Music/Video.

Viewing Photos

- Thumbnail of the available images will be displayed on the screen. If no images are displayed then select the folder containing the Photos.
- 2. When a photo is displaying, press **OK** or navigation key to show information bar which lists photo information and help bar.
- Once information bar displays on the bottom, press | key to start or pause photo slideshow.

Multimedia settings for Photo Slide show



Following Menu setup shown above.

- 1. Play/Pause photo play.
- 2. Press to exit.

3. [Zoom in]: Zoom in the Photo with scale factor $(1\times/2\times/4\times/8\times)$.

Playing Music files

- Thumbnail of the available music files will be displayed on the screen. If no files are displayed then select the floder containing the music files.
- 2. To play particular music file select the required file and press **OK** key.
- Press ▶ | key to play/pause music. Select and click | ✓ or ▶ button on OSD to play previous or next track. (✓ or ▶ key on remote control are not available in music playback mode.)

Multimedia settings for Music play



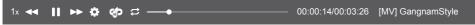
Following Menu setup shown above.

- 1. ▶ / 🚺 (Play/Pause): Play/Pause music play.
- I← / ►► (Previous/Next): Jump to previous or next music play.

Playing Video files

- Thumbnail of the available video files will be displayed on the screen. If no files are displayed then select the folder containing the video files.
- 2. To play particular video file select the required file and press **OK** key.
- Press ▶ key to play/pause video.

Multimedia settings for Video play



Following Menu setup shown above.

- Play/Pause): Play/Pause movie play.
- 2. (Rewind/Fast Forward): Rewind/Fast Forward video play.

- (AB Repeat): Press it to enable or disable A-B section period to repeat video content playback. Do not support "Repeat", "Settings" and "AB Repeat" in Network device mode.

Files encoded in the following formats are supported.

Picture	Picture						
Image	File Extension	Photo Format	Suggest Resolution	Max Width	Max Height	Remark	
JPEG	.jpg, .jpeg	Base-line	1920×1080 (8-bit)	15360	8640	Max resolution depends on DRAM size.	
		Progressive	1024×768	6500	6500	Max resolution depends on DRAM size.	
PNG	.png	Non-interlace	4000×4000	15360	8640	Max resolution depends on DRAM size.	
		Interlace	1200×800	6500	6500	Max resolution depends on DRAM size.	
BMP	.bmp		9600×6400	15360	8640	Max resolution depends on DRAM size. DLNA (DMP / DMR) mode do not support BMP format display.	

Audio			
Audio Codec	File extension	Bit Rate	Remark
MPEG1/2 Layer1	.mp3	32Kbps ~ 448Kbps (Bit rate)	
		16KHz ~ 48KHz (Sampling rate)	
MPEG1/2 Layer2	.mp3	8Kbps ~ 384Kbps (Bit rate)	
		16KHz ~ 48KHz (Sampling rate)	
MPEG1/2 Layer3	.mp3	8Kbps ~ 320Kbps (Bit rate)	
		16KHz ~ 48KHz (Sampling rate)	
AAC-LC (AAC)	.m4a / .aac	8KHz ~ 48KHz (Sampling rate)	
WMA	.wma / .asf	128 bps ~ 320Kbps (Bit rate)	Follow WMA 7, WMA 8, WMA 9
		8KHz ~ 48KHz (Sampling rate)	Standard.
			Partial support WMA M0 format.
			Do not support WMA M3 format.

Video				
Video Codec	Container (File Extension)	Resolution	Bit rate	Profile
MPEG 1/2	MPEG program stream (.dat /.vob /.mpg /.mpeg) MPEG transport stream (.ts /.trp /.tp) MP4 (.mp4 /.mov) AVI (.avi) MKV (.mkv)	1080p@30fps	40 Mbps	MP@HL
MPEG 4	MP4 (.mp4 /.mov) AVI (.avi) MKV (.mkv)	1080p@30fps	40 Mbps	.Simple Profile .Advanced Simple Profile@ Level 5 .GMC is not supported .MPEG-4 ASP video decoding up to HD level .Support FLV version 1 video format decoding

H.264	FLV (.flv), MP4 (.mp4 /.mov) MPEG transport stream (.ts /.trp /.tp) ASF (.asf) AVI (.avi) MKV (.mkv)	1080P@60fps 1080Px2@30fps	62.5 Mbps	.Main Profile .High Profile@Level 4.2 .Supports resolutions for all DVB, ATSC, HDTV, DVD, VCD .Supports CABAC and CAVLC stream types .Processing of ES and PES streams, extraction and provision of time stamps
MVC	MPEG transport stream (.ts /.trp /.tp)	1080p@30fps	62.5 Mbps	
AVS	MP4 (.mp4 /.mov) MPEG transport stream (.ts /.trp /.tp)	1080P@30fps	40 Mbps	Jizhun profile@Level 6.0
VC-1	MPEG transport stream (.ts /.trp /.tp) ASF (.asf) AVI (.avi) MKV (.mkv)	1080p@30fps	40 Mbps	.Advanced Simple Profile@ Level 3 .Simple Profile .Main Profile
Motion JPEG	MP4 (.mp4 /.mov) AVI (.avi) MKV (.mkv)	640x480@30fps	10 Mbps	
RV30 / RV40	RM (.rm /.rmvb) MKV (.mkv)	1080p@30fps	40 Mbps	

Remarks:

- USB interface of digital multimedia player is not all-purpose. So when some USB devices could not be recognized, the
 problem is usually not the performance failure but due to device driver.
- Because USB devices and memory capability are different, the time needs for multimedia player to read information are also different. So the information reading speed of the player temporarily getting slow are not the performance failure.
- The voltage supplied to USB interface is 5V, and the most electrical current is 500mA. When some interface criteria of
 USB devices are different from standard USB protocol, digital multimedia player may be unable to recognize USB devices
 correctly, which is normal status.
- 4. USB could be used as an interface to update software.
- 5. If some files source could not play because of the parameter decoding-limitation, the problem is not performance failure.
- 6. The system only applies to memory medium with FAT32 format.
- 7. Does not support connecting of removable devices to the USB hub.
- 8. The USB device does not support copying and pasting for FAT32 system.
- The system doesn't support USB devices which possibly need larger power consumption, ex: USB hard-drive device or
 certain media playback device. Device "with more than 2.5W (5V/500mA) power consumption may cause system off, and
 system can not be turn on again until the USB device be removed.
- USB 3.0 port supports USB 3.0 and USB 2.0 devices, but doesn't support USB 1.1 device. USB 2.0 port supports USB 2.0
 and USB 1.1 devices, but doesn't support USB3.0 device.

^{*} Haier is not responsible for any quality problems or data loss of the external digital storage devices.

Wireless Display

Wireless Display function enable to share the screen of your smart phone on the TV.

- Press ♠ key to enter (Smart TV) launcher mode and use ▲/▼/4/▶ keys to select Setting, then press the OK key.
- 2. Press ▲/▼ key to select Wi-Fi, and press the OK key to confirm.
- 3. Turn on Wi-Fi.
- Use ▲/▼/4/▶ keys to select Display, and press the OK key to confirm. Then, enter Cast screen.



5. Use ▲/▼/◄/▶ keys to selet ■, and check [Enable wireless display].



Choose your prefered smart phone to connect.

Note:

This function recommended to connect to the smart phone as follows: SONY Z2, Samsung Galaxy J, Samsung Galaxy Note3, MIUI 2S or MIUI 3.

Trouble phenomenon				Inspection
Picture		Audio		mspection
	Snow		Noise	antenna position, direction or connection
	Ghost		Normal audio	antenna position, direction or connection
	Interfere		Noise	electronic equipment,car/ motorcycle,fluorescent light
	Normal Picture		Mute	Volume(inspect wether the mute function on the remote control are started, or audio system are correct or not)
?	No picture		Mute	Power cord is not inserted Power switch is not opened Contrast and brightness/volume setup Press standby key on the remote control for inspecting
	No color		Normal audio	color control
	Scramble		Normal audio or weak	retune channel
	No color		Noise	Audio system

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